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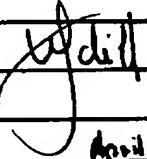
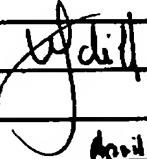
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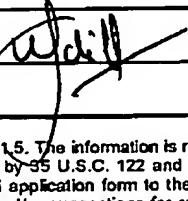
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Application Number	10/087,473
Filing Date	March 1, 2002
First Named Inventor	Melissa K. Carpenter, et al.
Art Unit	1632
Examiner Name	Thaian N. Ton
Attorney Docket Number	090/003C

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply (1 pages) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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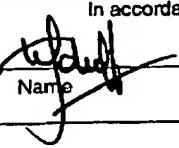
Signature		Date	April 18/05
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventors: M.K. Carpenter et al.

Art Unit: 1632

Filing Date: March 1, 2002

Examiner: Tháí-An N. Ton, Ph.D.

Serial No: 10/087,473

Docket: 090/003c

Title: DIRECT DIFFERENTIATION OF HUMAN  
PLURIPOTENT STEM CELLS AND  
CHARACTERIZATION OF  
DIFFERENTIATED CELLS

**AMENDMENT AND RESPONSE TO OFFICE ACTION  
UNDER 37 CFR § 1.111**

Commissioner for Patents  
Alexandria VA 22313

Dear Sir,

This paper is responsive to the most recent Office Action on the merits, dated December 17, 2004, for which a response is due March 17, 2004. Accompanying this response is a Petition for a one month extension of time, setting the deadline to April 18, 2005, since April 17 is a Sunday. Accordingly, this paper is timely filed.

Applicant has given careful consideration to the analysis in the Office Action. Please enter the following amendments and remarks.